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| Notice of Allowability | Application No. | Applicant(s) | |
| | 10/789,070 | KILLIAN ET AL. | |
| | Examiner LAM T. MAI | Art Unit 2819 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 9/12/05.
2. The allowed claim(s) is/are 1-20.
3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

DETAILED ACTION

Specification

The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Allowable Subject Matter

Claims 1-20 are allowable.

Claims 1-6 are allowed over the prior art of record. The prior art of record, considered individually or in combination, fails to fairly teach or suggest the claimed circuit comprising, among other limitations and unobvious limitation of "a second differential amplifier having inputs coupled to second bridge transducer, wherein first and second differential amplifiers each have a pair of outputs, respective ones of which are coupled to provide two output of the circuit representative of a sensed parameter" structurally and functionally interconnected with other limitations in the manner as cited in the claims.

Claim 7 is allowed over the prior art of record. The prior art of record, considered individually or in combination, fails to fairly teach or suggest the claimed circuit comprising, among other limitations and unobvious limitation of "a second differential amplifier having inputs coupled to second bridge transducer, wherein first and second differential amplifiers each have a pair of outputs, respective ones of which are coupled

to provide two output of the circuit representative of a sensed parameter" structurally and functionally interconnected with other limitations in the manner as cited in the claim.

Claims 8-11 are allowed over the prior art of record. The prior art of record, considered individually or in combination, fails to fairly teach or suggest the claimed circuit comprising, among other limitations and unobvious limitation of "a pair of differential amplifiers having outputs tied together in a push-pull configuration" structurally and functionally interconnected with other limitations in the manner as cited in the claims.

Claims 12-18 are allowed over the prior art of record. The prior art of record, considered individually or in combination, fails to fairly teach or suggest the claimed circuit comprising, among other limitations and unobvious limitation of "a second differential amplifier having inputs coupled to second bridge transducer, wherein first and second differential amplifiers each have a pair of outputs, respective ones of which are coupled to provide two output of the circuit representative of a sensed parameter" structurally and functionally interconnected with other limitations in the manner as cited in the claims.

Claim 19 is allowed over the prior art of record. The prior art of record, considered individually or in combination, fails to fairly teach or suggest the claimed method comprising, among other limitations and unobvious limitation of "a pair of differential amplifiers having outputs tied together in a push-pull configuration" structurally and functionally interconnected with other limitations in the manner as cited in the claim.

Claim 20 is allowed over the prior art of record. The prior art of record, considered individually or in combination, fails to fairly teach or suggest the claimed circuit comprising, among other limitations and unobvious limitation of "a pair of differential amplifiers having outputs tied together in a push-pull configuration" structurally and functionally interconnected with other limitations in the manner as cited in the claim.

Cited References

The prior art made of record and not replied upon is considered pertinent to application's disclosures. The cited references relate to instant application matter.

Conclusion

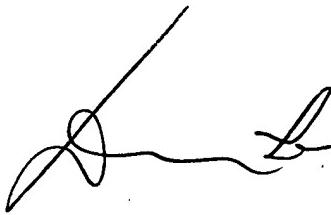
Any inquiry concerning this communication or earlier communications from the examiner should be directed to LAM T. MAI whose telephone number is (571)272-1807. The examiner can normally be reached on 6:00 am - 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Pascal J. Robert can be reached on (571) 272-1769. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Lam T. Mai
Art Unit 2819

A handwritten signature consisting of a series of fluid, cursive strokes forming a stylized name.

DON LE
PRIMARY EXAMINER